

General Environmental Incident Summary

Incident: 1991 **Date/Time Notice:** 7/18/2013 1221 **DEM Incident No:**
Responsible Party: Cass County Electric Co-op
Date Incident: 7/17/2013 **Time Incident:** 2201 **Duration:** 30 days
County: Cass **Twp:** 139 **Rng:** 49 **Sec:** 22 **Qtr:**
Lat: 46.83998 **Long:** -96.85127 **Method:** Derived from TRS
Location Description: 4132 30th Ave SW
Fargo, ND 58104

Submitted By: Kevin Bunn

Affiliation:

Address:

City:

State:

Zip:

Received By:

Contact Person:

4100 32nd Ave S
Fargo, ND 58104

Distance Nearest Occupied Building: 7.5 Feet

Type of Incident: Transformer bushing leak

Description of Released Contaminant: Non-Polychlorinated biphenyls (PCBs) Mineral Oil.

Volume Spilled: 70.00 gallons

Ag Related: No

EPA Extremely Hazardous Substance: No

Reported to NRC: No

Cause of Incident:

Outage caused by leaking transformer primary bushing. Per Transformer name plate from manufacturer ABB is filled with Non-Polychlorinated biphenyls (PCB) mineral oil. Date of manufacture: November 2004.

Risk Evaluation:

None, the area is a non-traffic area behind commercial office park with limited exposure to the public.

of Fatalities: 0

of Injuries: 0

Affected Medium: 03 - soil

Potential Environmental Impacts:

None.

Action Taken or Planned:

Transformer removed from service and contained in plastic tank. The soil from around and under the transformer concrete pad/transformer was excavated to the best of our ability and placed into containers. Absorbent was placed in opening of transformer pad for a period of 1 week and will be removed and placed into containers.

The excavated site has been replaced with new black dirt and rock.

Wastes Disposal Location: CCEC's procedure is to send in an oil sample to Jaco Analytical for PCB testing. Once test results are received all waste (soil and

absorbent) will be disposed of according to the reported PCB level.

Agencies Involved:

Updates

Date: 7/18/2013 ***Status:*** Reviewed - Assigned to NDDoH Division ***Author:*** Stockdill, Scott

Updated Volume:

Notes:

Forwarded to Emily Schiwal.

Date: 12/6/2013 ***Status:*** Reviewed - No Action Required ***Author:*** Tintes Schiwal, Emily

Updated Volume: 15.00 gallons

Notes:

CCEC provided PCB testing results showing this unit contained <1 ppm PCB. The unit only held 15 gallons of mineral oil, not the 70 gallons in the original report. All absorbents and soils were disposed of in the Fargo landfill after the low PCB concentration was confirmed. No additional actions are required for this incident.